

I CLAIM:

1) A bicycle trailer for attachment to the frame of a bicycle comprising:

a trailer frame having two rectangular members, each rectangular member having opposite end portions which are centrally and pivotally attached to the opposite end portions of the other rectangular member; and each rectangular member having a lower side portion extending generally horizontally along one lower side portion of the trailer and an upper side portion extending generally horizontally along an upper side portion of the trailer;

upright releasable spacing limitation means extending between the two rectangular members to restrain the frame from laterally compressing and heightening, said limitation means being releasable so that the trailer can be laterally collapsed without disassembly;

a tongue member having a rear end portion attached to a front end portion of the trailer frame; a central portion extending forwardly, and a front portion;

a releasable hitch having a bicycle mounted portion adapted to be carried by the bicycle, and a releasable portion which is attached to the front portion of the tongue member;

a trailer bottom portion extending laterally between the lower side portions of the rectangular frame members to

restrain the frame from laterally extending and flattening;  
and,

wheels each rotatably mounted to an opposite central  
portion of the lower side portion of the trailer frame.

2) A trailer as in claim 1 wherein the trailer 5  
frame comprises tubing.

3) A trailer as in claim 2 wherein the upper side  
portions and the lower side portions of the rectangular  
frame members of the trailer comprise breaks therethrough  
and wherein one end of the tubing adjacent to the break has 10  
a reduced diameter so that it may be inserted within the  
other end of the tubing adjacent to the break so that the  
rectangular frame members may be joined and disassembled at  
the break.

4) A trailer as in claim 3 wherein the trailer 15  
bottom portion comprises fabric looped around the lower  
side portions of the rectangular frame members.

5) A trailer as in claim 4 further comprising a  
frame bag which is positioned within the frame and seats on  
the trailer bottom portion. 20

6) A trailer as in claim 5 wherein the frame bag is

made from fabric and has opposite top side portions which loop around the upper side portions of the rectangular members of the trailer.

7) A trailer as in claim 6 wherein the spacing maintenance means comprises a strap extending between one of the lower side portions, and a corresponding upper side portion of one of the rectangular frame members of the trailer there above. 5

8) A trailer as in claim 6 further comprising a top cover which is made from fabric. 10

9) A trailer as in claim 8 wherein the frame cover has hold down straps which extend downwardly towards the lower side portions of the rectangular members.

10) A trailer as in claim 9 wherein the frame cover has a substantial depth and the hold down straps have sufficient length so that the top cover may completely cover loads extending above the upper side portions of the trailer. 15

11) A trailer as in claim 2 wherein the releasable hitch comprises an eccentric lever which pulls on a shaft when the lever is given a quarter turn and wherein the 20

eccentric lever is used to quickly detach the trailer from the bicycle mounted portion thereof.

12) A trailer as in claim 11 wherein the bicycle mounted portion of the releasable hitch is adapted to be secured to the bicycle [frame] by an axle and an axle nut on the bicycle wheel so that the bicycle mounted portion can be secured without marring the paint on any bicycle having any frame shape and so that the trailer cannot change the alignment of the bicycle wheel. 5

13) A trailer as in claim 12 wherein the hitch is configured so that the bicycle can be laid down while attached to the trailer and while the trailer remains in an upright position. 10

15) A hitch as in claim 14 wherein the bicycle frame mounted portion of the releasable hitch is adapted to be secured to the frame by an axle and an axle nut on the bicycle. 15

16) A hitch as in claim 15 wherein the hitch is configured so that the bicycle can be laid down while attached to the trailer and while the trailer remains in an upright position. 20